

0500

OIFE

RAW SEQUENCE LISTING

DATE: 09/22/2000

PATENT APPLICATION: US/09/658,315

TIME: 15:08:29

Input Set : A:\98009B1.APP.txt

Output Set: N:\CRF3\09222000\I658315.raw

C--> 3 <110> APPLICANT: Rodgers, Kathleen
4 dizerega, Gere
6 <120> TITLE OF INVENTION: Method of Promoting Erythropoiesis
8 <130> FILE REFERENCE: 98009B1
10 <140> CURRENT APPLICATION NUMBER: US/09/658,315
11 <141> CURRENT FILING DATE: 2000-09-08
13 <160> NUMBER OF SEQ ID NOS: 39
15 <170> SOFTWARE: PatentIn Ver. 2.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 8
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence: AII
25 <400> SEQUENCE: 1
26 Asp Arg Val Tyr Ile His Pro Phe
27 1 5
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 7
32 <212> TYPE: PRT
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (2-8)
38 <400> SEQUENCE: 2
39 Arg Val Tyr Ile His Pro Phe
40 1 5
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 6
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (3-8)
51 <400> SEQUENCE: 3
52 Val Tyr Ile His Pro Phe
53 1 5
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 7
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-7)
64 <400> SEQUENCE: 4
65 Asp Arg Val Tyr Ile His Pro
66 1 5
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 6
71 <212> TYPE: PRT

ENTERED

See p. 5

RAW SEQUENCE LISTING

DATE: 09/22/2000

PATENT APPLICATION: US/09/658,315

TIME: 15:08:29

Input Set : A:\98009B1.APP.txt

Output Set: N:\CRF3\09222000\I658315.raw

72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (2-7)
77 <400> SEQUENCE: 5
78 Arg Val Tyr Ile His Pro
79 1 5
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 5
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (3-7)
90 <400> SEQUENCE: 6
91 Val Tyr Ile His Pro
92 1 5
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 4
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (5-8)
103 <400> SEQUENCE: 7
104 Ile His Pro Phe
105 1
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 6
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-6)
116 <400> SEQUENCE: 8
117 Asp Arg Val Tyr Ile His
118 1 5
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 5
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-5)
129 <400> SEQUENCE: 9
130 Asp Arg Val Tyr Ile
131 1 5
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 4
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-4)
142 <400> SEQUENCE: 10

RAW SEQUENCE LISTING DATE: 09/22/2000
 PATENT APPLICATION: US/09/658,315 TIME: 15:08:29

Input Set : A:\98009B1.APP.txt
 Output Set: N:\CRF3\09222000\I658315.raw

```

143 Asp Arg Val Tyr
144 1
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 3
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-3)
155 <400> SEQUENCE: 11
156 Asp Arg Val
157 1
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 7
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
168 <220> FEATURE:
169 <221> NAME/KEY: MOD_RES
170 <222> LOCATION: (2)
171 <223> OTHER INFORMATION: Nle
173 <400> SEQUENCE: 12
W--> 174 Arg Xaa Tyr Ile His Pro Phe
175 1 5
178 <210> SEQ ID NO: 13
179 <211> LENGTH: 7
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
186 <220> FEATURE:
187 <221> NAME/KEY: MOD_RES
188 <222> LOCATION: (4)
189 <223> OTHER INFORMATION: Nle
191 <400> SEQUENCE: 13
W--> 192 Arg Val Tyr Xaa His Pro Phe
193 1 5
196 <210> SEQ ID NO: 14
197 <211> LENGTH: 3
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (6-8)
204 <400> SEQUENCE: 14
205 His Pro Phe
206 1
209 <210> SEQ ID NO: 15
210 <211> LENGTH: 5
211 <212> TYPE: PRT

```

RAW SEQUENCE LISTING DATE: 09/22/2000
 PATENT APPLICATION: US/09/658,315 TIME: 15:08:29

Input Set : A:\98009B1.APP.txt
 Output Set: N:\CRF3\09222000\I658315.raw

```

212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (4-8)
217 <400> SEQUENCE: 15
218 Tyr Ile His Pro Phe
219   1               5
222 <210> SEQ ID NO: 16
223 <211> LENGTH: 7
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
229   class
231 <220> FEATURE:
232 <221> NAME/KEY: UNSURE
233 <222> LOCATION: (1)
234 <223> OTHER INFORMATION: Xaa at poistion 1 can be Arg, Lys, Ala, Orn, Ser,
235   MeGly, D-Arg, or D-Lys
237 <220> FEATURE:
238 <221> NAME/KEY: UNSURE
239 <222> LOCATION: (2)
240 <223> OTHER INFORMATION: Xaa at position 2 can be Val, Ala, Leu, Nle, Ile,
241   Gly, Pro, Aib, Acp, or Tyr
243 <220> FEATURE:
244 <221> NAME/KEY: UNSURE
245 <222> LOCATION: (4)
246 <223> OTHER INFORMATION: Xaa at position 4 can be Ile, Ala, Leu, Nle, Val,
247   or Gly
249 <400> SEQUENCE: /16
W--> 250 Xaa Xaa Tyr Xaa His Pro Phe
251   1               5
254 <210> SEQ ID NO: 17
255 <211> LENGTH: 7
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
262 <400> SEQUENCE: 17
263 Arg Val Tyr Gly His Pro Phe
264   1               5
267 <210> SEQ ID NO: 18
268 <211> LENGTH: 7
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
275 <400> SEQUENCE: 18
276 Arg Val Tyr Ala His Pro Phe
277   1               5

```

RAW SEQUENCE LISTING

DATE: 09/22/2000

PATENT APPLICATION: US/09/658,315

TIME: 15:08:29

Input Set : A:\98009B1.APP.txt

Output Set: N:\CRF3\09222000\I658315.raw

```

280 <210> SEQ ID NO: 19
281 <211> LENGTH: 8
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 1
288 <400> SEQUENCE: 19
289 Asp Arg Val Tyr Val His Pro Phe
290   1           5
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 8
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 2
301 <400> SEQUENCE: 20
302 Asn Arg Val Tyr Val His Pro Phe
303   1           5
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 11
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 3
314 <400> SEQUENCE: 21
315 Ala Pro Gly Asp Arg Ile Tyr Val His Pro Phe
316   1           5           10
319 <210> SEQ ID NO: 22
320 <211> LENGTH: 8
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 4
327 <400> SEQUENCE: 22
328 Glu Arg Val Tyr Ile His Pro Phe
329   1           5
332 <210> SEQ ID NO: 23
333 <211> LENGTH: 8
334 <212> TYPE: PRT
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 5
340 <400> SEQUENCE: 23
341 Asp Lys Val Tyr Ile His Pro Phe
342   1           5
345 <210> SEQ ID NO: 24
346 <211> LENGTH: 8
347 <212> TYPE: PRT
348 <213> ORGANISM: Artificial Sequence

```

← F.Y.I.

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 09/22/2000

PATENT APPLICATION: US/09/658,315

TIME: 15:08:30

Input Set : A:\9800981.APP.txt

Output Set: N:\CRF3\09222000\I658315.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36